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Indirect Dark Matter Searches with Super-Kamiokande

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The Super-Kamiokande neutrino detector has performed searches for neutrinos from dark matter annihilation from possible sources of concentration such as the center of the sun, center of the earth, and center and halo of the Milky Way galaxy. The SK detector is sensitive to neutrino energies below 10 GeV, allowing unique sensitivity to low WIMP masses. Updated results on indirect dark matter detection via neutrinos are presented.

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